promptly refer the problem to OPM for resolution. OPM shall:

- (1) Authorize the lead agency to continue to survey the area if the lead agency believes the survey is likely to be adequate in the next full-scale survey;
- (2) Authorize the lead agency to expand the scope of the survey; or
- (3) Abolish the wage area and establish it as part of one or more other wage areas.

[46 FR 21344, Apr. 10, 1981, as amended at 55 FR 46140, Nov. 1, 1990. Redesignated at 55 FR 46141, Nov. 1, 1990]

§532.241 Analysis of usable wage survey data.

- (a)(1) The lead agency shall compute a weighted average rate for each appropriated fund survey job having at least 10 unweighed matches and for each nonappropriated fund job having at least 5 unweighed matches. The weighted average rates shall be computed using the survey job data collected in accordance with §\$532.235 and 532.247 and the establishment weight.
- (2)(i) Incentive and piece-work rates shall be excluded when computing weighted average rates if, after establishment weights have been applied, 90 percent or more of the total usable wage survey data reflect rates paid on a straight-time basis only.
- (ii) When sufficient incentive and piece-work rate data are obtained, the full incentive rate shall be used in computing the job weighted average rate when it is equal to or less than the average nonincentive rate. If the full incentive rate is greater than the average nonincentive rate, the incentive rate shall be discounted by 15 percent. The discounted incentive rate shall be compared with the guaranteed minimum rate and the average nonincentive rate, and the highest rate shall be used in computing the job weighted average rate.
- (b) The lead agency shall compute paylines using the weighted average rates computed under paragraph (a) of this section
- (1) The lead agency shall compute unit and frequency paylines using the straight-line, least squares regression formula: Y=a+bx, where Y is the hourly rate, x is grade, a is the intercept of

the payline with the Y-axis, and b is the slope of the payline.

- (i) The unit payline shall be computed using a weight of one for each of the usable survey jobs and the weighted average rates identified and computed under paragraph (a) of this section.
- (ii) The frequency payline shall be computed using a weight equal to the number of weighted matches for each of the usable survey jobs and the weighted average rates identified and computed under paragraph (a) of this section.
- (2) Either or both of the lines computed according to paragraph (b)(1) of this section may be recomputed after eliminating survey job data that cause distortion in the lines.
- (3) The lead agency may compute midpoint paylines using the following formula: $\bar{Y}=(a_u+a_f)/2+((b_u+b_f)/2)x$, where Y is the hourly rate, x is the grade, au is the intercept of the unit payline, a_f is the intercept of the frequency payline, b₀ is the slope of the unit payline, and b_f is the slope of the frequency payline. A midpoint line may be computed using the paylines based on all of the usable survey job data as described in paragraph (b)(1) of this section, and a second midpoint line may be computed using the paylines based on limited survey job data authorized in paragraph (b)(2) of this section.
- (4) The lead agency may compute other paylines for the purpose of instituting changes in the scope of the survey
- (c) Usable data obtained from a particular establishment may not be modified or deleted in order to reduce the effect of an establishment's rates on survey findings, *i.e.*, data will not be deleted or modified to avoid establishment domination.

[46 FR 21344, Apr. 10, 1981, as amended at 55 FR 46141, Nov. 1, 1990. Redesignated at 55 FR 46141, Nov. 1, 1990; 58 FR 32273, June 9, 1993; 60 FR 62701, Dec. 7, 1995]

§ 532.243 Consultation with the agency wage committee.

- (a) The lead agency shall submit to the agency wage committee:
- (1) The data collected in the wage survey;

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- (2) The report and recommendations of the local wage survey committee concerning the use of data;
- (3) The lead agency's analysis of the data: and
 - (4) The lines computed from the data.
- (b) After considering the information available to it, the agency wage committee shall report to the lead agency its recommendation for a proposed wage schedule derived from the data.

[46 FR 21344, Apr. 10, 1981. Redesignated at 55 FR 46141, Nov. 1, 1990]

§ 532.245 Selection of payline and issuance of wage schedules.

- (a) The lead agency shall select a payline and construct wage schedules therefrom for issuance as the regular wage schedules for the wage area, after considering all of the information, analysis, and recommendations made available to it pursuant to this subpart.
- (b)(1) The lead agency shall prepare and maintain a record of all of the analysis and deliberations made under this subpart, documenting fully the basis for its determination under paragraph (a) of this section.
- (2) The lead agency shall include in the record all of the wage survey data obtained and the recommendations and reports received from the local wage survey committee and the agency wage committee.
- (c)(1) The lead agency shall issue the nonsupervisory, leader, and supervisory regular wage schedules for the local wage area, showing the rates of pay for all grades and steps.
- (2) The wage schedules shall have a single effective date for all employees in the wage area, determined by the lead agency in accordance with 5 U.S.C. 5344.
- (d) The head of each agency having employees in the local wage area to whom the regular wage schedules apply shall authorize the application of the wage schedules issued under paragraph (c) of this section to those employees, effective on the date specified by the lead agency.

[46 FR 21344, Apr. 10, 1981. Redesignated at 55 FR 46141, Nov. 1, 1990]

§ 532.247 Wage change surveys.

- (a) Wage change surveys shall be conducted in each wage area in years during which full-scale wage surveys are not conducted.
- (b) Data shall be collected in wage change surveys only from establishments which participated in the preceding full-scale survey. Information concerning pay adjustments of general application in effect for jobs matched in each establishment which participated in the preceding full-scale survey shall be obtained.
- (c) Data may be obtained in wage change surveys by telephone, mail, or personal visit. The chairperson of the local wage survey committee shall determine the manner in which establishments will be contacted for collection of data. Data may be collected by the local wage survey committee members or by data collectors appointed and assigned to two member teams in accordance with §532.233(e) of this subpart.
- (d) Wage change survey data may not be collected before the date ordered by the lead agency.
- (e) The local wage survey committee shall review all wage change survey data collected and forward the data to the lead agency. Where appropriate, the committee shall also forward to the lead agency a report of unusual circumstances surrounding the survey.
- (f) The lead agency shall review the wage change survey data and, if applicable, the report filed by the local wage survey committee.
- (g)(1) The lead agency shall recompute the line selected under §532.245(a) of this subpart in the preceding full-scale survey using the wage change survey data and shall construct wage schedules therefrom in accordance with §532.203 and, if appropriate, §532.205 of this subpart.
- (2) The lead agency shall consult with the agency wage committee in accordance with §532.243 of this subpart.
- (3) Records of this process shall be maintained in accordance with \$532.245(b) of this subpart.
- (h) The wage schedules shall be issued and authorized in accordance with §532.245 (c) and (d) of this subpart.

[46 FR 21344, Apr. 10, 1981. Redesignated at 55 FR 46141, Nov. 1, 1990; 58 FR 32274, June 9,